

WITHIN OUR BORDERS



AN ALBERTA
GOVERNMENT
PUBLICATION

- Henwood In Full Operation
- New Road Maps
- Still Fighting Fires
- Pollution Monitors

JANUARY, 1969

New Booklet Lists Trade Opportunities In Alberta Towns

THE ALBERTA DEPARTMENT of Industry and Tourism has just completed a town-by-town survey of business opportunities in 25 categories of retail and service trades throughout the province.

The analyses, which took eight months to prepare, replace in a new format a similar survey carried out in 1962. The retail trade data is based on the 1966 Census of Trade collected by the Alberta Bureau of Statistics, the most recent available.

Instead of one bulky book containing all the categories analyzed, the new survey is available for each trade separately, in kit form.

For example, a person interested in establishing a family shoe store in the province, would receive a buff-coloured folder on writing for information to the Department at 1820 Centennial Building, Edmonton 15. Inside the folder would be: 1) a map showing the dispersion of family shoe stores throughout Alberta; 2) a selected list of centres where conditions appear opportune for the establishment of a family shoe store, and 3) a brief comment on the operation of shoe stores elsewhere in Alberta.

The map shows which areas have family shoe stores and, by elimination, which do not. Of those which do not, a number of areas are selected in which population concentrations appear adequate to justify the opening of a full-time shoe store.

This does not mean that because a particular area is not named as a potential place to start a shoe store that it could not support one: only that statistics indicate the store would be more likely to succeed in a designated area. The maps and data are intended to serve only as guides to assist the prospective businessman seeking a location to narrow his field of choice.

The other 24 categories covered in the survey are: accountants, auto body shops, bakers, barbershops, beauty parlors, bowling establishments, dentists, doctors, drive-in theatres, dry-cleaning stores, florists, family clothing and furniture stores, florists, furniture stores, hardware stores, household appliance stores, lawyers, meat markets, motels, movie theatres, optometrists, shoe repair shops, sporting goods stores, veterinarians, and women's clothing stores.

The Alberta Department of Industry and Tourism is prepared on request to analyze 20

Hon. H. E. Strom Sworn In As Alberta's New Premier



Hon. Dr. J. W. Grant MacEwan, Lieutenant Governor for the Province of Alberta, officiated at the swearing in of the Hon. Harry E. Strom as Premier of Alberta. Mr. Strom succeeds the Hon. Ernest C. Manning who retired after 25 years as Premier and 33 years as member of the Alberta Legislature. The Hon. Mr. Strom joined the government in 1955 and was appointed Minister of Agriculture in 1962. He subsequently held the portfolio of Minister of Municipal Affairs and was chairman of the Human Resources Development Authority. Attending the swearing in were members of the executive council, seen in the background. Minor changes in departmental responsibilities were made by the new premier, with additional changes in portfolios planned later.

other categories of retail stores not on the above list. Further information on a specific business

activity or population centre is obtainable from the Department.

Henwood Rehabilitation Centre Now Provides 24-hour Day Service In Modern Facilities

TRANSITION TO 24-hour a day operation has now been completed at Henwood Rehabilitation Centre for Alcoholics. Limited day-care services had started in May.

The large one-storey complex, with five separate wings, located approximately thirteen miles north of Edmonton just off Highway 15, is administered by the Division of Alcoholism, Alberta Department of Health. It marks a unique departure from more conventional institutional alcoholism treatment facilities by providing spacious, residentialized, living-in accommodations for up to 14 female and 50 male patients. Admissions to date total 103 with 42 resident patients now receiving treatment. Eighty-five day patients have been treated.

Facilities at Henwood include semi-private sleeping quarters with adjoining living room, bath and private lockers; individual counselling rooms; group and occupational therapy rooms, library, lounges, recreation room, dining, kitchen and laundry rooms. A small infirmary is provided to care for minor physical ailments. An adjoining gymnasium and a self-contained, 80-seat chapel set near the entrance to the main building complete the complex. Spacious grounds are designed and landscaped to accommodate outdoor sports activities.

Henwood's staff of thirty, drawn from several disciplines, includes nurses, counsellors, therapists and psychologists. Daily visits are made to the centre by a medical doctor, and religious service is provided by Edmonton clergy on a volunteer basis.

Patients are admitted voluntarily and by referral only, from Alberta's three Division of Alcoholism clinics in Calgary, Edmonton and Red Deer or for persons living outside these centres by prearrangement with Henwood's physician. Henwood is not a detoxification centre and is not intended to replace established medical and other institutional facilities equipped for the treatment of persons suffering physical or psychiatric complications of the severely socially impaired.

Treatment includes physical and psychological assessment, and a regimen directed toward restoration of physical and emotional health. Orientation concerning the illness of alcoholism is carried out as an important step toward total rehabilitation.

A wide range of therapies support rehabilitation activities. Recreational therapy is showing remarkable results and a vigorous program of participating sports activities has been adopted.



A place of quiet and meditation is provided by this pleasant 80-seat chapel where vesper services are conducted for Henwood's residents.

Introduction to the information recovery program of Alcoholics Anonymous is made at Henwood through group meetings with members. Relaxation training and vocational counselling is directed at re-establishing the patient's confidence in himself.

Because of the shattering effect alcoholism has on the immediate family, at Henwood as at all Division clinics, the spouse is encouraged to participate in the partner's recovery.

A continuing interest in, and contact with patients after discharge is seen as part of the treatment process. This is provided in part by periodic weekend live-ins where former patients are invited back to participate in group discussion sessions on problems encountered and how they were met.

It is planned to have day-care treatment re-

sume this winter, with patients brought in from Edmonton by bus daily. Their integration into the all-day therapeutic atmosphere and participation in constructive activities at Henwood in a 'treatment team' concept assists in a better adjustment and resolution of problems.

Regular five-day, live-in training courses are conducted for community service groups. The course is designed for those outside major population centres in communities not served by Division of Alcoholism clinics. A nominal \$15.00 registration fee, plus transportation costs to and from Edmonton is all it costs an individual. Forty have taken the course. In some special instances interested clergymen have attended these courses to gain a better understanding ways in which they can contribute to the rehabilitation process.



The main lounge area affords attractive surroundings for entertaining visitors to Henwood.



Fully modern kitchen facilities and cafeteria-style service counter situated adjacent to dining area.

Booklet Lists Rules Preventing Accidents For Many Industries

A NEW BOOKLET ON basic accident prevention regulations in all types of industry in the province has just been issued by the Alberta Workmen's Compensation Board and will replace those existing regulations which have been in force for many years.

The booklet, "Safety Regulations Governing General Accident Prevention", is being distributed to all firms in the province. It has a fluorescent orange cover to distinguish it from previous manuals on accident prevention regulations.

Written in layman's language, it outlines minimum safety standards in industry and is intended to be circulated among employees, particularly those who hold supervisory responsibilities.

The new booklet took a year to prepare. A preliminary draft was made following requests from management and labour organizations. All groups were involved in revising the regulations. The final draft was submitted to legal scrutiny before being brought into effect by legislation effective last August 1.

Regulations for five types of industry were incorporated into the new general regulations, and the old ones rescinded. There are no major variations to the basic minimum standards of accident prevention.

New technologies were brought into prominence in the general regulation, including safety precautions for radioactive materials, noise, pollution and high temperatures.

The general regulations circulated to all industries outline basic safety precautions required by law and in addition, specialized accident prevention measures in protective equipment, protection of lighting, electricity, industrial housekeeping, noise control, radiation, and high-temperatures.

Supplementary safety regulations are still being issued on the following industries: construction, trenching, lumbering, woodworking, grain elevators, first aid, ventilation, oil refining, explosives and pipeline construction.

Enforcement provisions laid down in the Workmen's Compensation Act provide for higher assessments and even the closure of firms which fail to comply with the regulations.

Net Fishing Permits Diet Supplements To Many Albertans

THIS WINTER ALBERTA residents may supplement their food supply through recreational net fishing, being permitted for the first time by the Fish and Wildlife Division, Alberta Department of Lands and Forests.

Four lakes in the southern half of the province have been opened to recreational net fishing. They are Battle Lake, McGregor Lake, Small Lake and Pigeon Lake. The last three are now open to commercial fishermen this winter.

Although not sure what the initial reaction will be, the Fish and Wildlife Division of the Department of Lands and Forests has printed an initial 3,000 licenses and set a total quota of 10,000 pounds of whitefish for the season. Emphasizing the recreational aspect of the fishing, regulations specify that the fish may not be sold, stored or wasted, and that each licence-holder is limited to a total of 100 pounds of fish of any species. Only the holder of another net fishing licence or commercial fishing licence may fish for the fisherman.

Welding Classes Given At Seven High Schools In Night Instruction

SEVEN COMPOSITE AND vocational high schools in Alberta will this winter conduct evening classes in welding, a joint venture of the Alberta Departments of Agriculture and Education, and local high school administration.

Open to anyone who wishes to take the instruction, the courses are being given in Drumheller, Stettler, Lacombe, Ponoka, Wetaskiwin, Camrose and Vegreville, whose high schools have the proper facilities for teaching electric and gas welding. The instructors, with one exception, a teacher, are local farmers who hold First Class welding certificates. They are selected by the Agricultural Engineering Branch of the Extension Colleges Division, Alberta Department of Agriculture, and paid by the Division of Vocational Education, Alberta Department of Education. The District Agriculturist coordinates and promotes the program at the local level. Local school administration provides the facilities and materials for the course, and levies a charge for the use of the materials.

The number of courses provided this year results from the success of a pilot project conducted last winter at the Lacombe Vocational High School. The test course proved that, not only was the welding instruction received well by both town and farm residents, but that it was an excellent method of utilizing school facilities to their fullest capabilities.

The regular week-long welding clinics which have been conducted throughout the province in the past by the Agricultural Engineering Branch will continue to provide instruction in electric and gas welding in those areas not served by one of the evening courses.

Firefighters Still Watch Subsoil Smoulderings To Prevent Outbreaks

DESPITE MANY INCHES of snow, firefighters of the Forest Service Branch, Alberta Department of Lands and Forests, are fighting the aftermath of the scores of fires that ravaged nearly half a million acres of forest land in the Slave Lake Forest, last May.

The majority of these fires are located along the settlement fringe between Athabasca and the Westlock area. Thirty-five are just outside the Forest Protection Area, two are inside. The ground fires may be burning on the surface or smouldering deep in the ground, thus presenting a difficult suppression task.

Fireguards excavated around each fire must be cut right down through the organic layer to the non-flammable subsoil underneath. Where the immediate mineral layer is buried too deep for practical fireguard construction, the fire may be confined by cutting the guard around the entire fire.

After construction of adequate and safe fireguards, the firefighters must proceed to extinguish these ground fires by actually digging them out and mixing with water. The remaining fires are being carefully watched by patrols through the winter and will be extinguished before the next fire season.

Sub-surface fires, if allowed to burn unchecked, may flare up occasionally when the surface collapses. If not extinguished prior to the next fire season, a potentially dangerous ignition source will be present.

Repeated fires over the same area are disastrous because they destroy the tree-bearing capacity of the soil.

New Monitor Unit Watches Waterways For Pollution Perils

A NEW ROBOT monitoring unit is providing 24-hour a day pollution surveillance for river and stream investigations being conducted by the Environmental Health Branch, Alberta Department of Health.

The \$10,000 unit was first put in service in August, 1968. It has been used to measure the extent of pollutants in the Oldman and Bow rivers and is presently installed near Redwater on the North Saskatchewan river approximately 60 miles down stream from Edmonton.

Known as the RM 25 Robot Monitor, it is an automatic water quality data acquisition system consisting of electronic analysers for measuring several parameters significant in determining water quality and factors affecting it.

Analysers are set up so that, as sample water is passed through the flow cells, sensors measure temperature, conductivity, dissolved oxygen, PH or hydrogen ion activity and oxidation reduction potential. These measurements can be read on individual meters. Even when unattended the



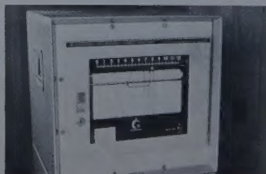
The mobile caravan in which monitoring equipment is housed, and is moved from site to site making periodic checks.

monitor records these readings on a multi-point strip-chart. This analog recorder gives up-to-the-hour data for daily use, providing a sentinel service on the presence of pollutants in quantities harmful to human, animal, fish and aquatic life.

Compactly assembled in steel stacking cabinets and housed in a trailer unit, the monitoring equipment is easily installed anywhere electrical power service is available. Water intake is provided by a submersible pump.

The Department of Health makes regular water sample analyses at about 46 locations on Alberta's five major rivers. The robot monitoring unit, first of its kind in western Canada with the exception of Manitoba, will greatly augment facilities available up to now.

Through continuous measuring of river waters, types and sources of pollution are exposed. Compilation and study of this data over a period of time will prove valuable in maintaining acceptable safe levels of water quality.



A view of the continuous record maintained by the automatic monitor used to measure contaminants in Alberta's waterways.

1969 Alberta Maps Are Now Available

PROVINCE OF ALBERTA official 1969 road maps are now available.

For free copies of this map and other tourist information, please write to: Alberta Government Travel Bureau, 1629 Centennial Bldg., Edmonton 15.

Special features included on the map are provincial and national parks, approximately 300 camp sites, developed ski areas, scheduled air stops, and points of entry. Some 1,000 cities, towns, villages and localities are shown and listed in a convenient alphabetical index.

The reverse side carries inset maps of five major cities, an Alberta mileage chart, and a map showing Alberta's position on the continent with driving distances and time from major metropolitan areas. This year's back cover panel features a colourful topographical map of the province.

General tourist information is provided, along with details of 28 special points of interest and six circle tours and side trips.

Cartography for the 1969 Alberta road maps is produced by the Surveys Branch, Alberta Department of Highways, for the Alberta Government Travel Bureau.

The new map has been updated to include new highway construction completed during 1968. Total road mileage now shows 6,637 miles, made up of 4,776 miles of pavement (4 miles 6-lane divided, 280 miles 4-lane divided, 74 miles 4-lane undivided and 4,418 miles 2-lane) and 1,861 miles of gravelled, primary highways.

Major highway links with bordering states, provinces, and the Northwest Territories are also shown.

NEW STRATEGIC AIRSTRIPS HELD NORTHERN ALBERTA DEVELOPMENT

STRATEGICALLY SPOTTED throughout the forest areas of Alberta are 119 airstrips built by the Forest Construction Branch of the Alberta Forest Service of the Department of Lands and Forests. These so-called "bush strips" which are actually being built to good engineering standards, are designed, located and constructed for the use of the Department. However, these strips are an important factor in the development of the northland for no one really knows just how many other landings and take-offs are really made, for they are open to use by anyone.

Forestry aircraft engaged in fire fighting use them, but they are also used by hunters and fishermen, by oil company planes, and by the occasional prospector. They are used by surveyors and construction crews and by the growing number of private pilots who fly for fun.

The work of building these strips is a continuing program. There are nine strips scheduled for completion in the current year's construction. Seven were built last year and nine the year

before. They are expected to accommodate smaller aircraft but when the occasion arises in the case of a forest fire, some can be used as a DC3.

In addition to such strips as these, the construction during the past three years has built three licensed airports with financial assistance from the Northern Development Commission and the Federal Department of Transport. These are at Slave Lake and another at Peace Lake, 180 miles north of Peace River. They are attended at all times, are kept free of snow during the winter and have heated hangars. They are equipped with landing lights for safe night, as well as daytime, use.

Perhaps the most ambitious construction project of the three airports was the Fort Chipewyan installation, a busy air centre served directly by commercial airline service. The airport features full amenities with a fine, modern terminal building in which space has been leased to the airline and the Federal Department of Transport.

Bridge, Overpass Open In Ponoka District

A \$176,000 bridge and a \$113,000 railway overpass have been opened at Ponoka. The 220 foot bridge of pre-cast, pre-stressed concrete supported on steel pipe piles accommodates a 52 foot wide two-lane roadway with shoulders and a 5 foot side walk. It replaces the old 18 foot wide, 150 foot steel truss bridge erected at the Battle River crossing in 1938. The 150 foot railway overpass is similarly constructed and

eliminates a dangerous level crossing at the northern approach to the bridge. New construction also involved realignment of Highway 53 through the town of Ponoka.

The railway overpass was designed and constructed over the winter months. 80% of construction costs paid by the federal government out of the grade crossing fund. CPR picked up 5% of the cost.

Coming Events

JANUARY

6	Music Club Concert	Lethbridge
6-9	Western Conference of Priests	Banff
7-10	Alberta Federation of Agriculture	Edmonton
8-10	Canadian Conference on the Visual Arts	Calgary
9	Overture Concert	Lethbridge
10-11	Stampede City Indoor Track Meet	Calgary
10-12	Youth Seminars	Edmonton
11-18	Environment '69	Calgary
12-18	Small Business Seminar	Banff
15-17	Prairie Roadbuilders Association Convention	Edmonton
17-18	Western Canada Association of Exhibitions	Calgary
17-19	Youth Seminars	Calgary
18-22	Presidents Seminar	Banff
22-25	Graphic Arts Seminar	Banff
22-25	Alberta Camping Association Convention	Banff
23-25	Alberta Retail Implement Dealers Association Convention	Edmonton
23-25	Alberta Progressive Conservative	Calgary
24-26	Progressive Conservative Association	Calgary
26-28	Alberta Tourist Association Convention	Edmonton
27-28	College of General Practice (Medicine)	
	Alberta Chapter	Banff
27-30	Alberta School Superintendents Association	Edmonton
28-Feb. 7	Anglican Church of Canada Bishops' Training Program	Banff
30-Feb. 2	Canadian Girls in Training Leaders' Training Seminar	Banff
30-Feb. 2	International Collegiate Ski Meet	Banff
30-Feb. 2	Southern Alberta Junior Curling Championships	Banff
31-Feb. 1	American Contract Bridge League	Edmonton

FEBRUARY

1	Track & Field Meet — Knights of Columbus	Lethbridge
2	Kiwanis Band Concert	Lethbridge
2-4	Alberta Optometric Association	Edmonton
2-4	Meat Packers Council of Canada	Edmonton
2-8	Insurance Agents Seminar	Banff
2-Mar. 9	Manpower Training Seminars	Banff
2-Mar. 15	Banff School of Advanced Management	Banff

3-6	Alberta Dairymen's Association	Calgary
3-6	Progressive Farming Days (Alberta Department Agriculture)	Lethbridge
5	University of Lethbridge Concert	Lethbridge
5-7	Western Stock Growers' Association	Edmonton
6-7	Canadian Cancer Society (Alberta Division)	Edmonton
6-7	A.T.A. South Peace Convention	Grande Prairie
6-7	A.T.A. Red Deer Area Convention	Red Deer
8	Kinsmen's Sportsman's Dinner	Lethbridge
9	Rotary Mardi Gras	Lethbridge
8-9	22-23 Alberta School of Tourism	Edmonton
8-9	Alberta School of Tourism	Lethbridge
9-14	Canada Post Office Management Training Seminar	Banff
9-16	Canadian Ski Patrol System School	Banff
10-14	American Society of Range Management	Calgary
13-14	A.T.A. Calgary District Convention	Calgary
13-14	A.T.A. North Peace Convention	Peace River
14-15	Alberta Consols Playdown	Calgary
14-16	Muk Luk Mardi Gras	Edmonton
14-18	Canadian Consumer Credit Conference	Calgary
14-18	Associated Credit Bureau of Canada	Calgary
15	Association of Professional Engineers of Alberta	Edmonton
15	Independent Order of Foresters	Calgary
15-16	Alberta School of Tourism	Calgary, Grande Prairie
16-20	Western Merchants Association	Banff
16-28	Rural Leadership Seminar	Banff
17-19	National Research Council	Edmonton
17-19	Alberta Emergency Measures	Calgary
17-23	Canadian Senior Cross Country Ski Championships	Calgary
19-21	Western Canada Public Personnel	Calgary
20-21	A.T.A. North Central Convention	Edmonton
20-21	A.T.A. Calgary City Convention	Calgary
23-26	Western Canada Farm Safety Conference	Banff
26-28	Greater Edmonton Teachers Convention	Edmonton
26-28	Nursing Aides Seminar	Banff
27-28	A.T.A. South Eastern Convention	Medicine Hat
27-Mar. 2	Alberta Fish & Game Association	Calgary
28-Mar. 2	United Church of Canada Married Couples Seminar	Banff